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Trials Description

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Abstract:

This deliverable includes the specification and description of the scenarios and procedures that will be used over the AROMA testbed for testing and validating the proposed resource and QoS management algorithms

Keyword list: Trials description, test bed, emulation of the access radio technologies; implementation of the IP-based core network technologies.

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EXECUTIVE SUMMARY

The scope of this document is to provide a description of the selected trials that should be performed in the AROMA testbed for testing and validating the proposed RRM/CRRM/BB algorithms.

The testbed definition and presentation is not the intent of this deliverable. That information is present in "D07 - Testbed Specification", (30-6-2006) document that should be used as the reference to understand the testbed architecture and available functionalities.

This document describes the trials that are planned be performed in the integrated AROMA testbed. Those trials are focusing in five main areas, going from "Quality measurements with application" to the test of some RRM/CRRM/BB algorithms, E2E QoS strategies and finally with QoS and mobility. Each main area consists of several scenario demonstrations.

At the end of this validation process we can conclude that the proposed RRM/CRRM/BB algorithms are going to be tested in a demonstrator that reproduces the relevant behaviour of the different layers related with the Radio Resource and QoS Management.

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